

Application Serial No. 10/700,096
Reply to Office Action of July 12, 2007

PATENT
Docket: CU-3423

Amendments To The Claims

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The listing of claims presented below will replace all prior versions, and listings, of claims in the application.

Listing of claims:

1. (Currently amended) A device for adjusting control signals for an LCD, comprising:

an LCD module having an LCD panel for displaying a picture, a timing controller for adjusting a data supply and a driving signal, a voltage generating unit for generating a driving voltage, and an input unit provided with a plurality of control signal pins which are adjusted by an external adjustment signal provided from a device external to the LCD module; and

a conversion board device having a scaler unit for generating and providing data and a power supply required for the LCD module and a power supply unit, said scaler unit digitizing inputs to the LCD module and scaling said input signals to the LCD module to match the LCD module, the conversion board device generating and outputting a pulse width modulation (PWM) signal to a voltage generating unit of the LCD module, the PWM signal being provided to the LCD module as a common voltage, the PWM signal having an amplitude that does not vary;

wherein the conversion board device is external to the LCD module and wherein the scaler unit is provided with microcomputer GPIO ports, and the microcomputer GPIO ports enabling control of the plurality of control signal pins provided to in the input unit.

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2. (Previously presented) The device as claimed in claim 1, wherein the plurality of control signal pins are for signals of FRC_EN, TDDI, LVDS_MAP_SEL, and the signals are properly adjusted under the control of the microcomputer GPIO ports to be transferred to the timing controller.

3. (Cancelled)